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Fig. 1

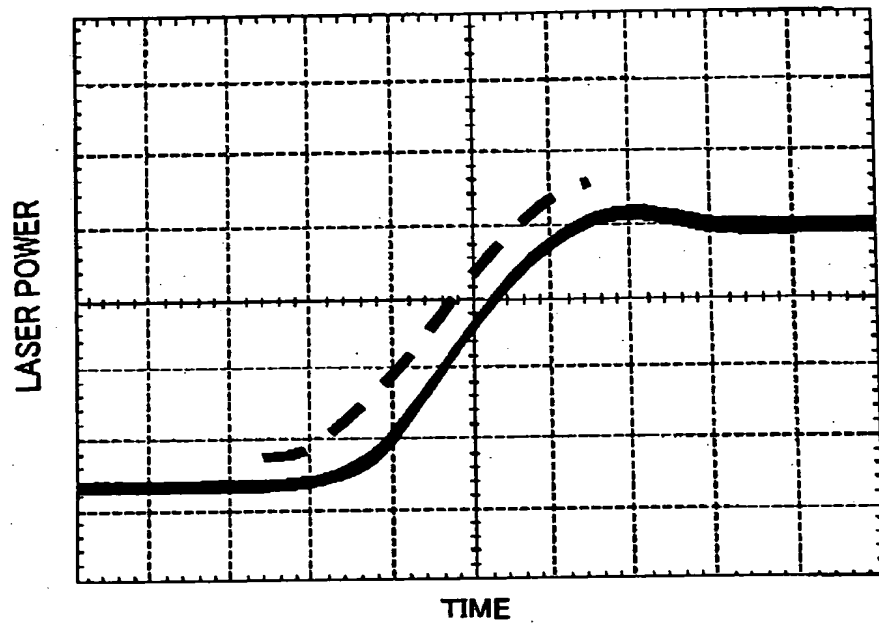


Fig. 2

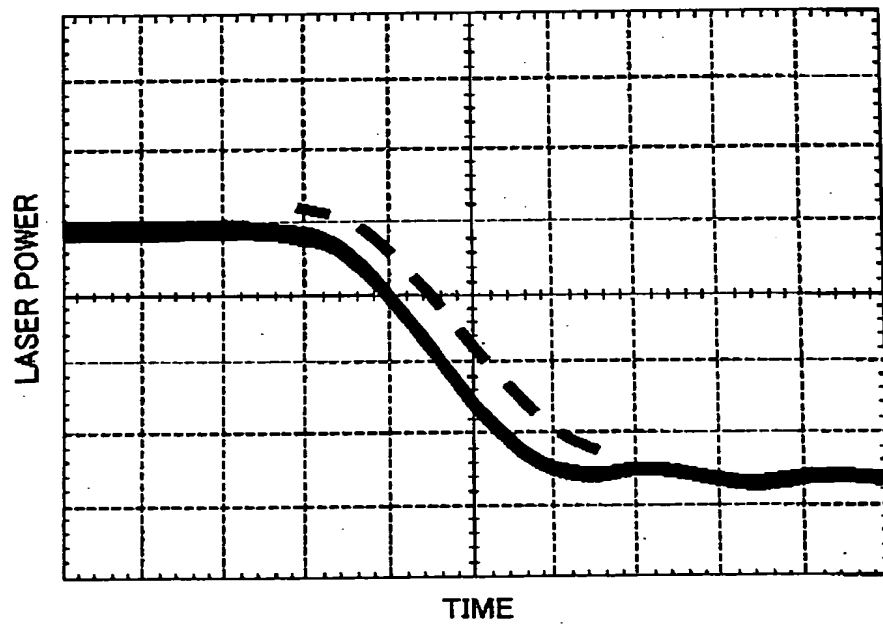


Fig. 3

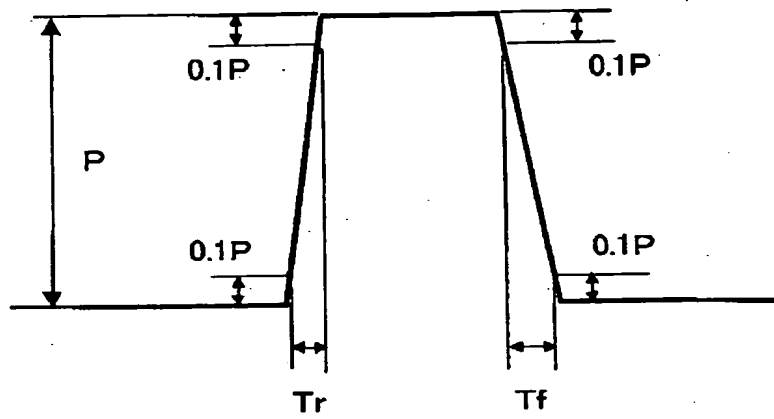


Fig. 4

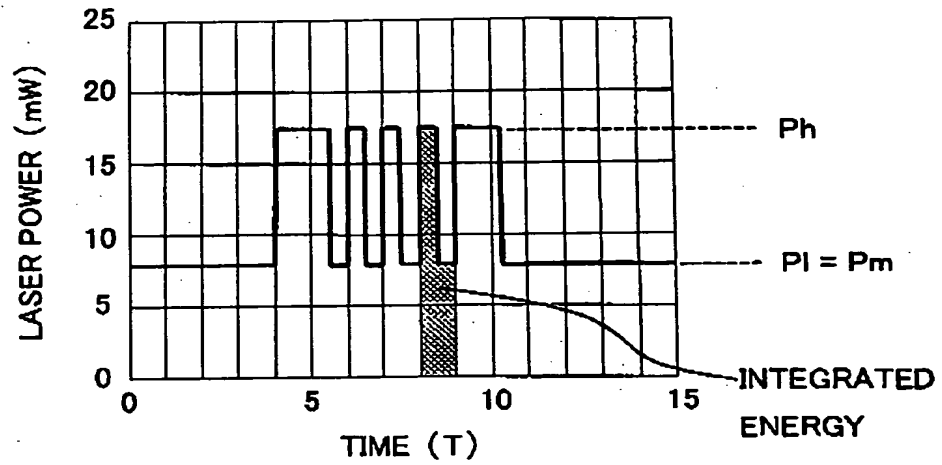


Fig. 5

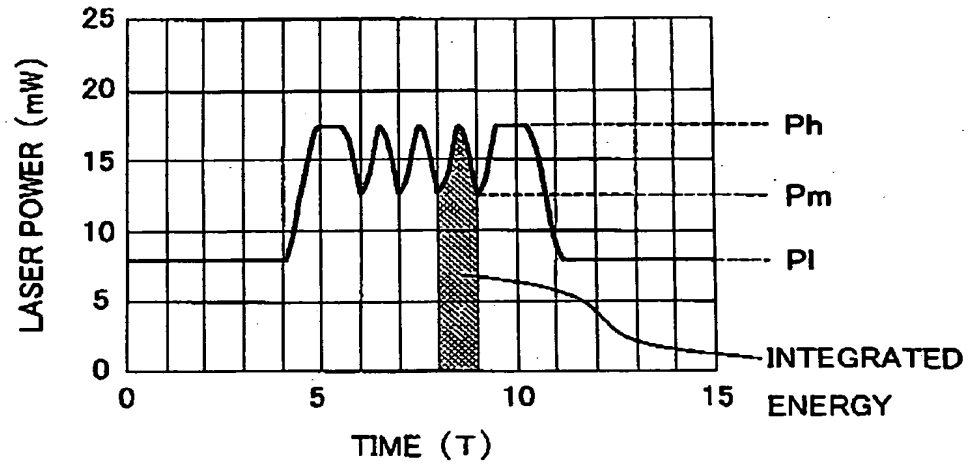


Fig. 6

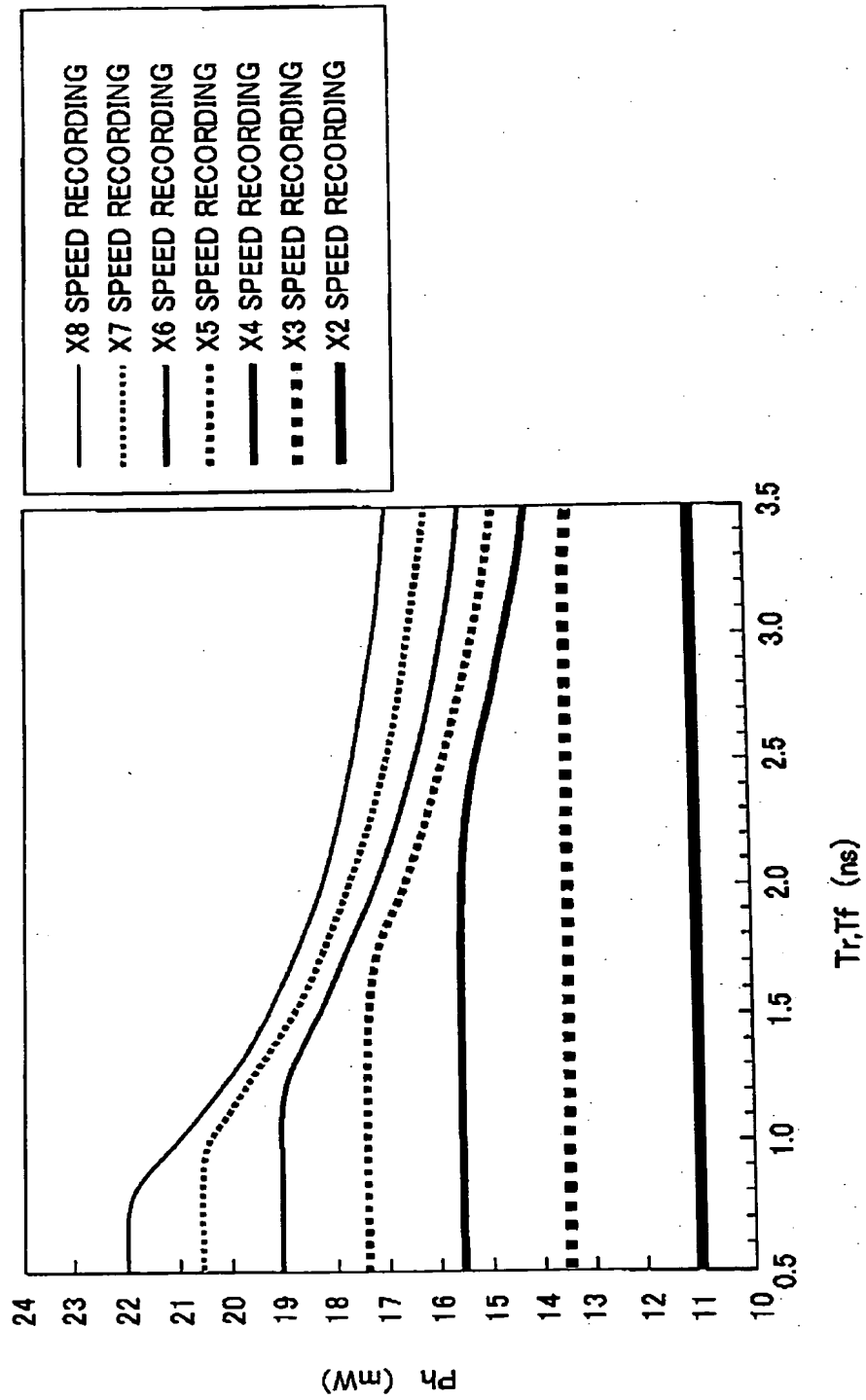
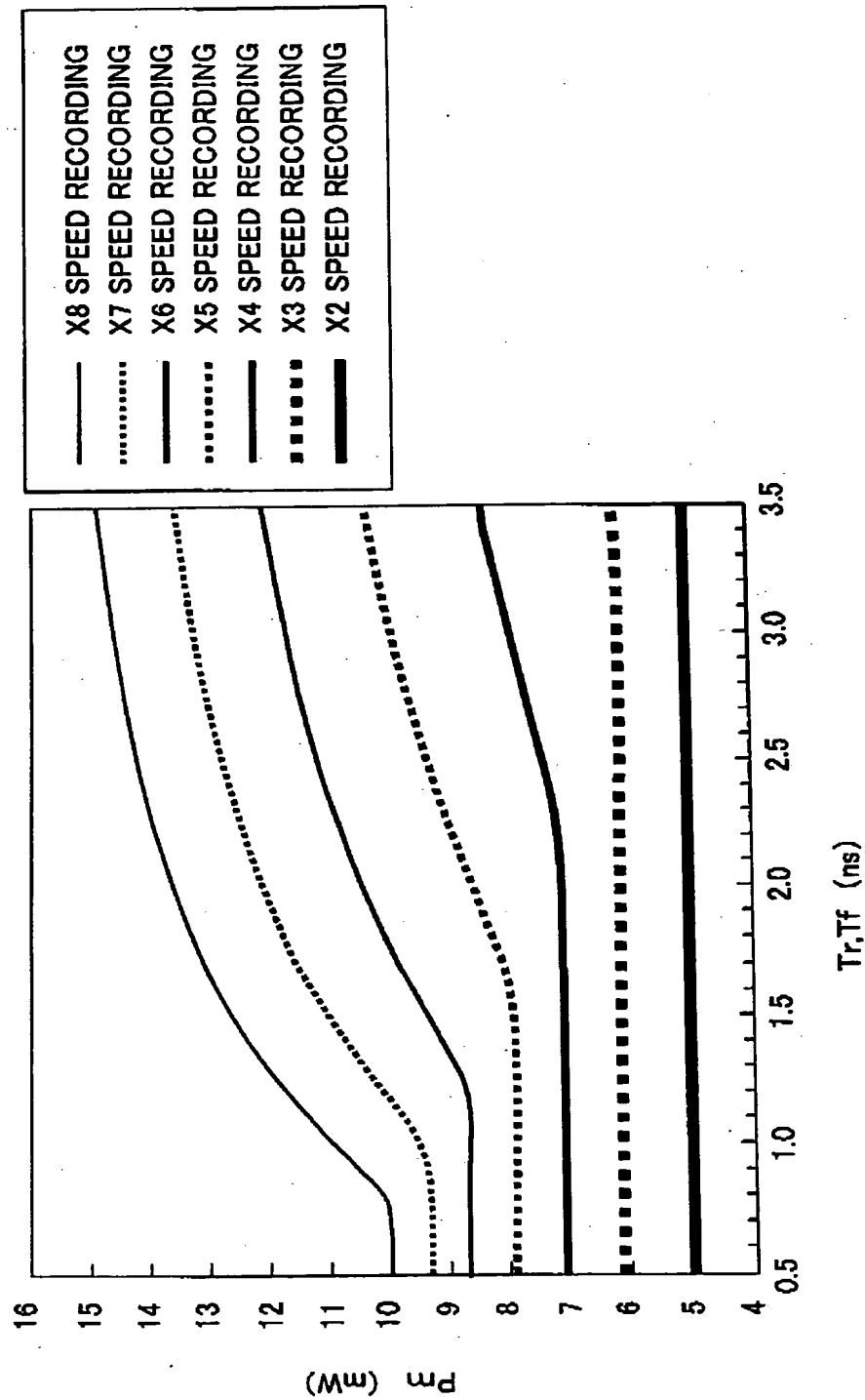


Fig. 7



8.
5.1.2

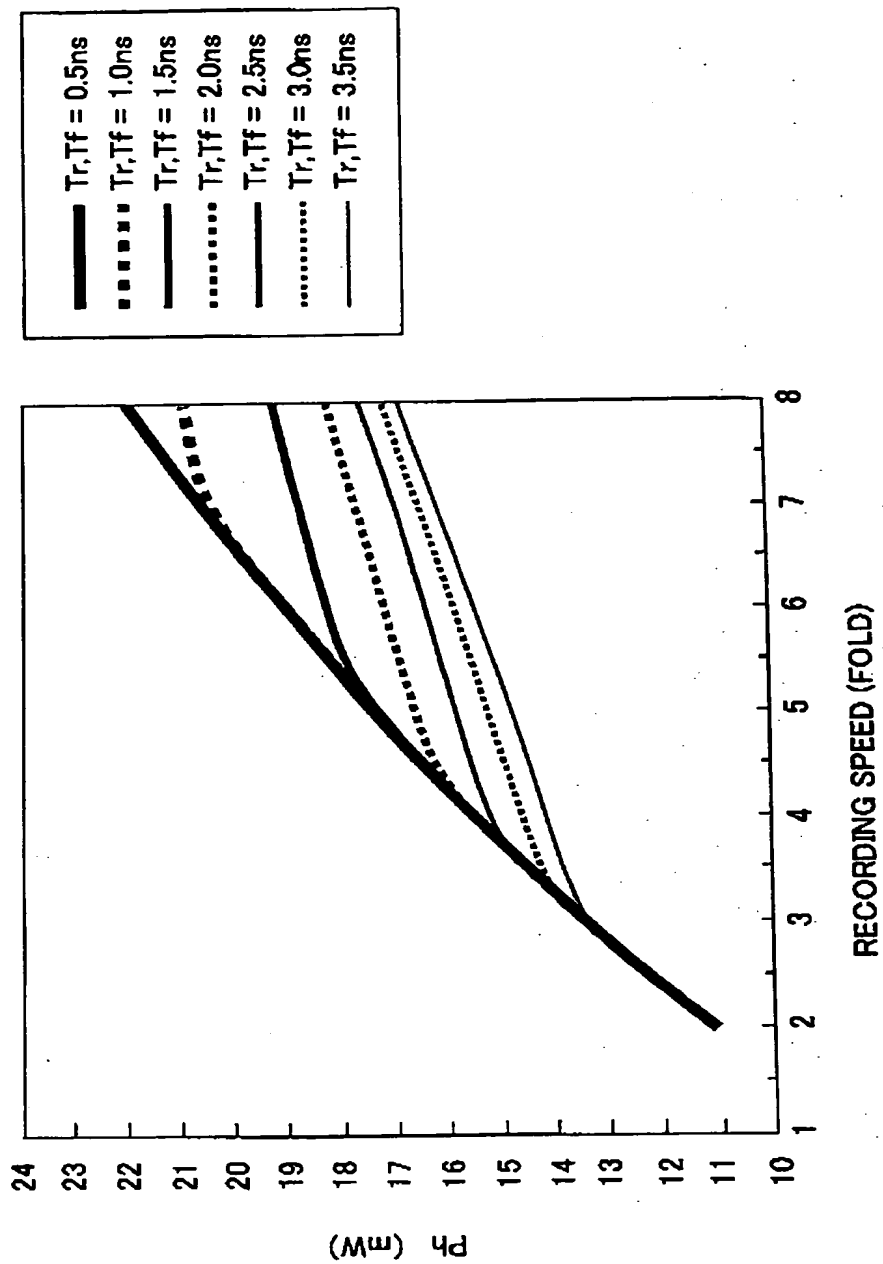


Fig. 9

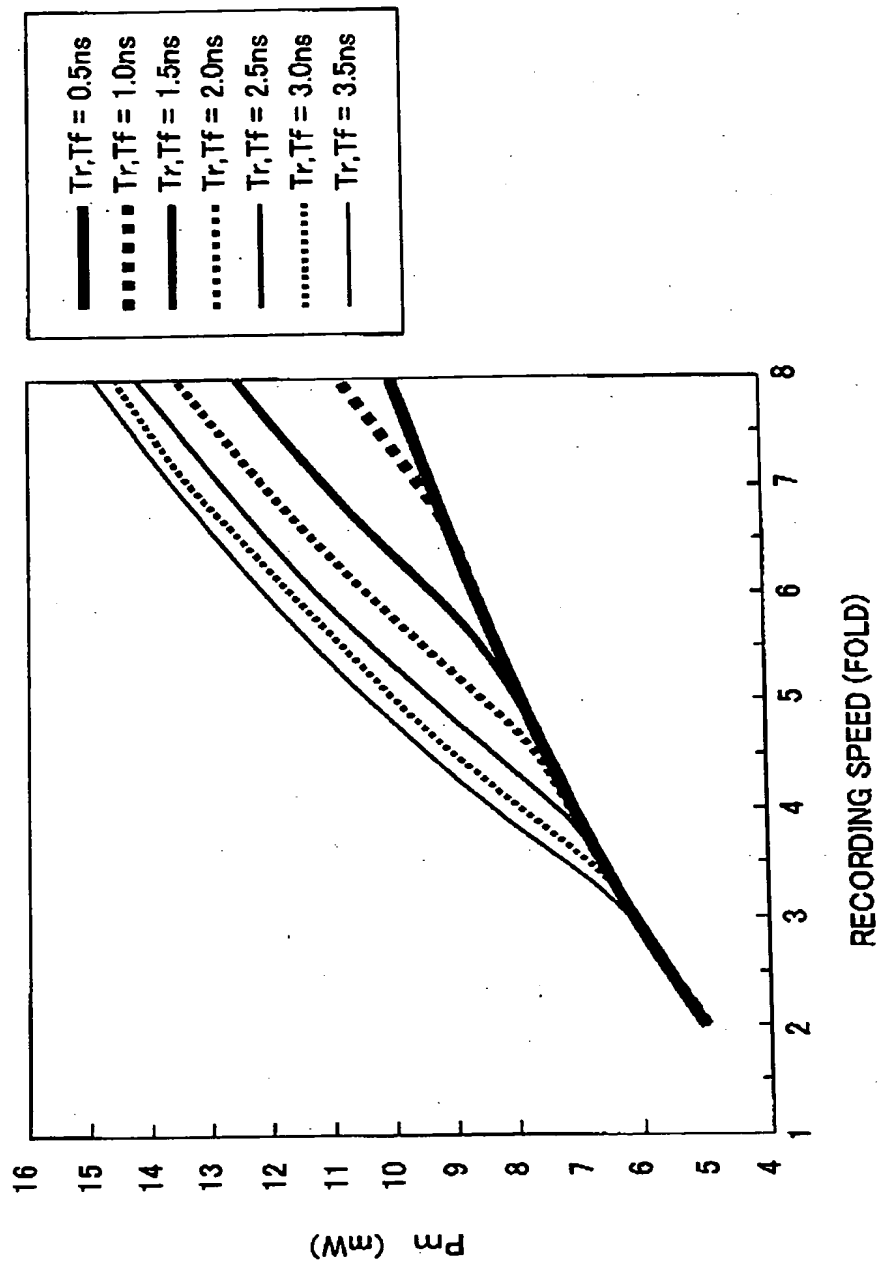


Fig. 10

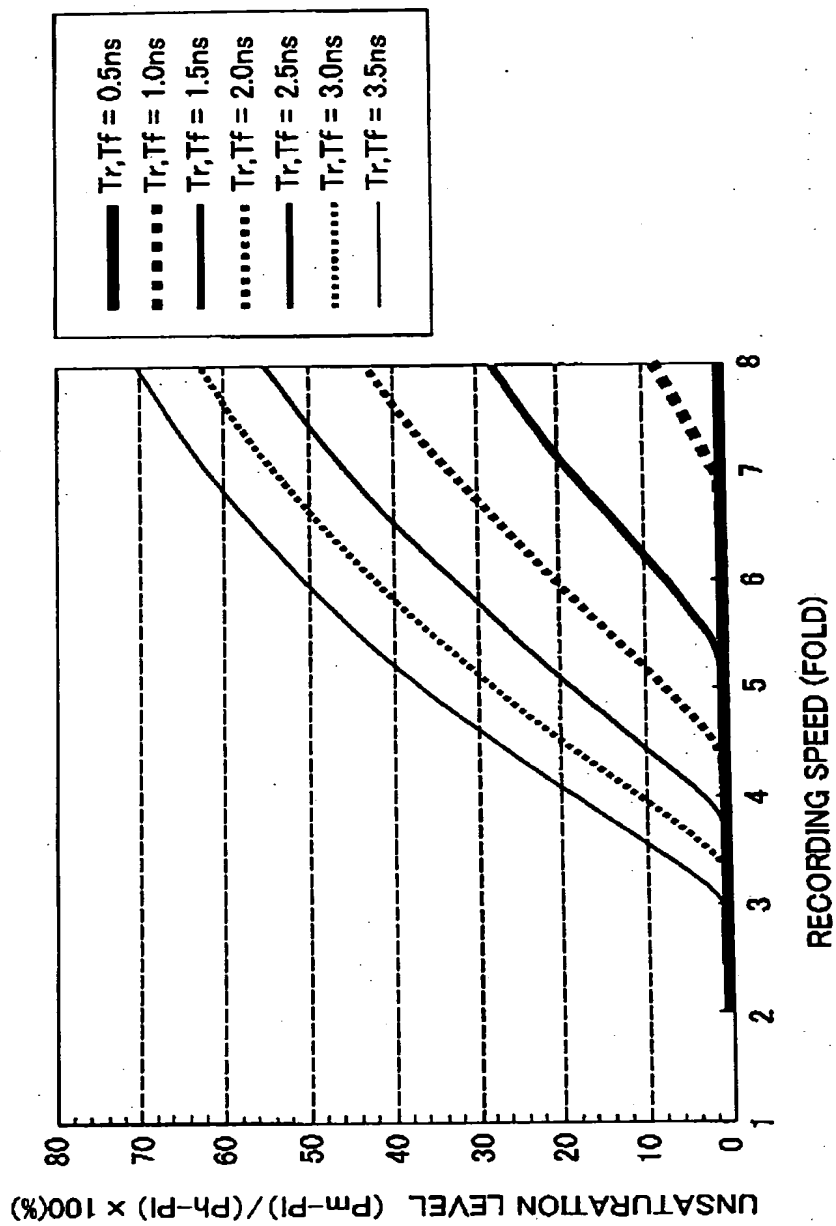


Fig. 11

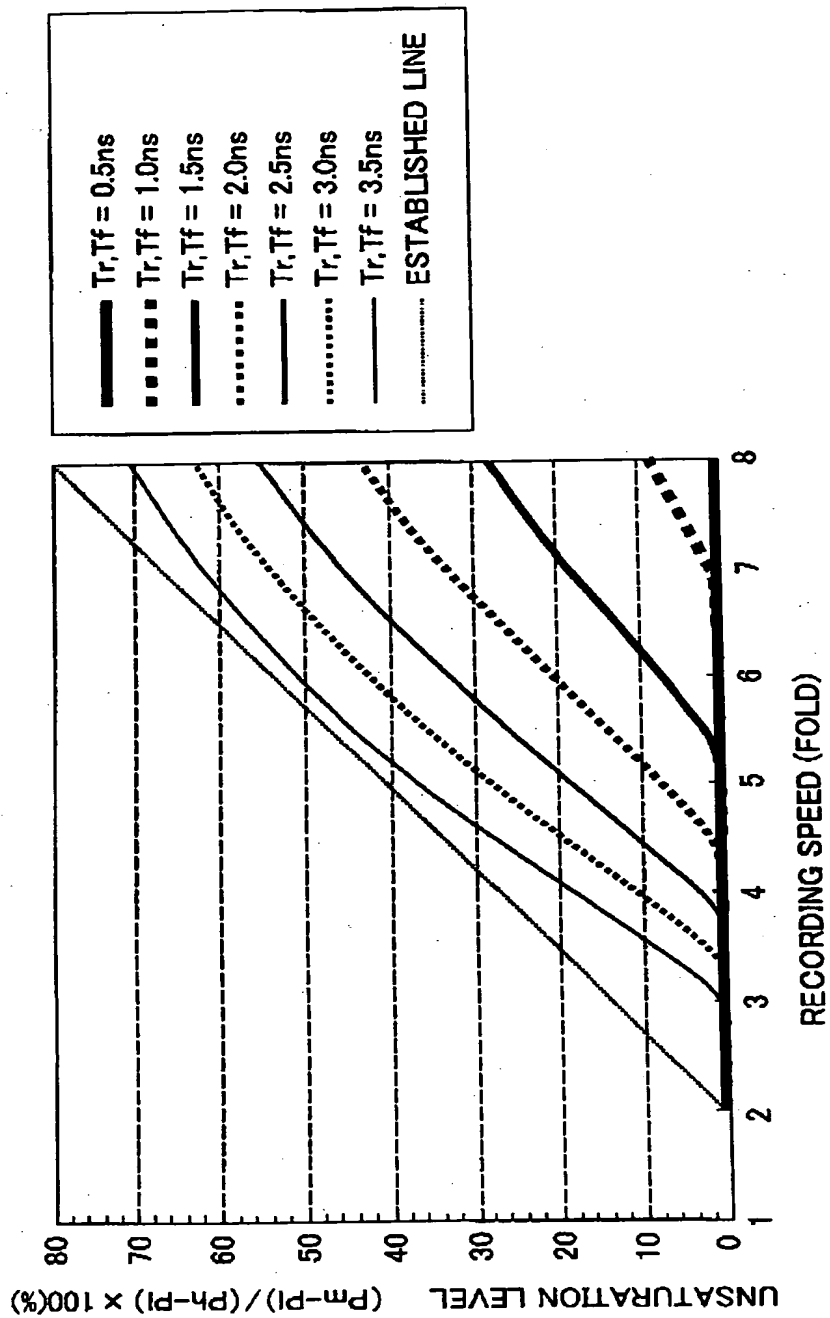


Fig. 12

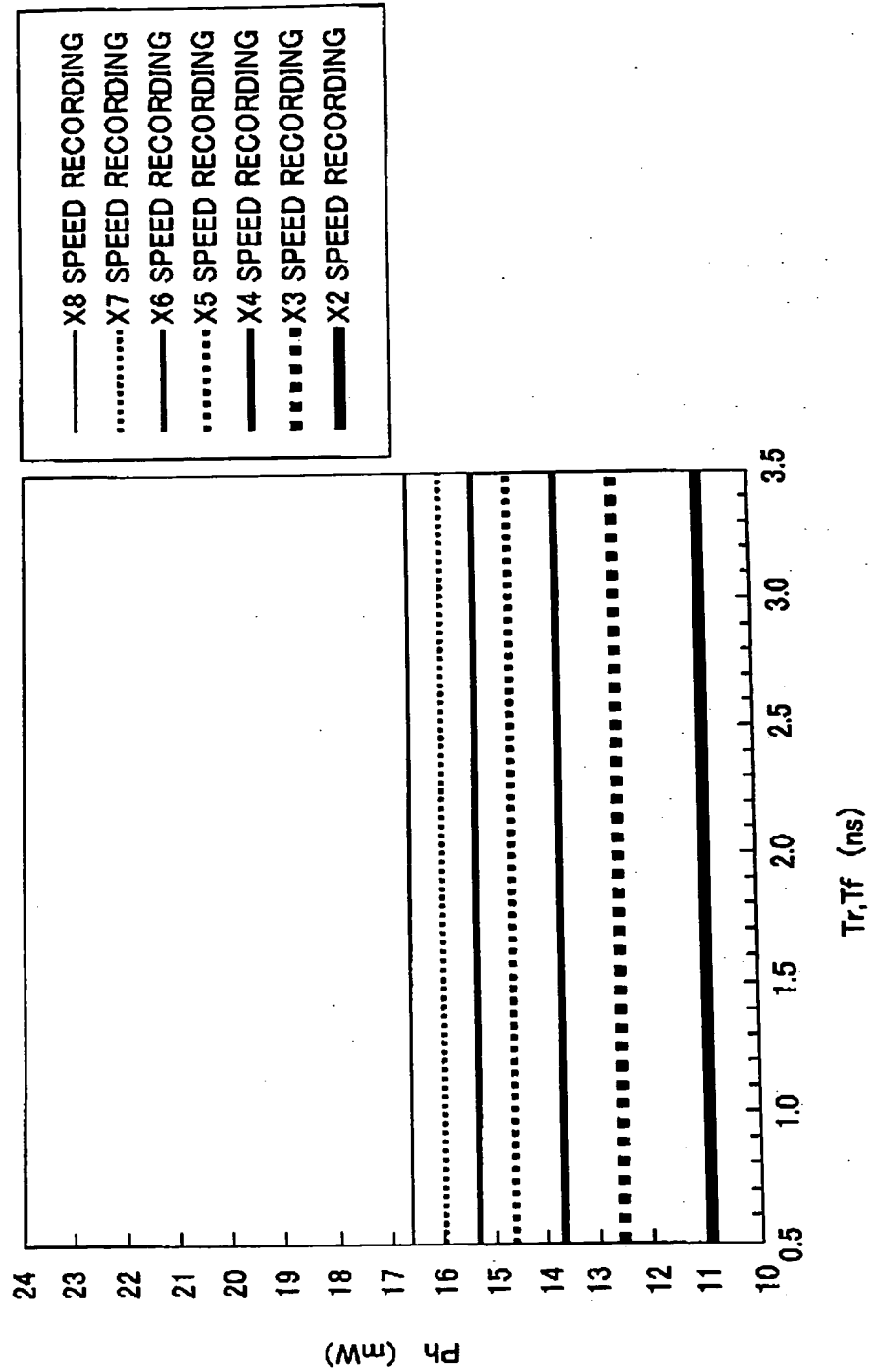


Fig. 13

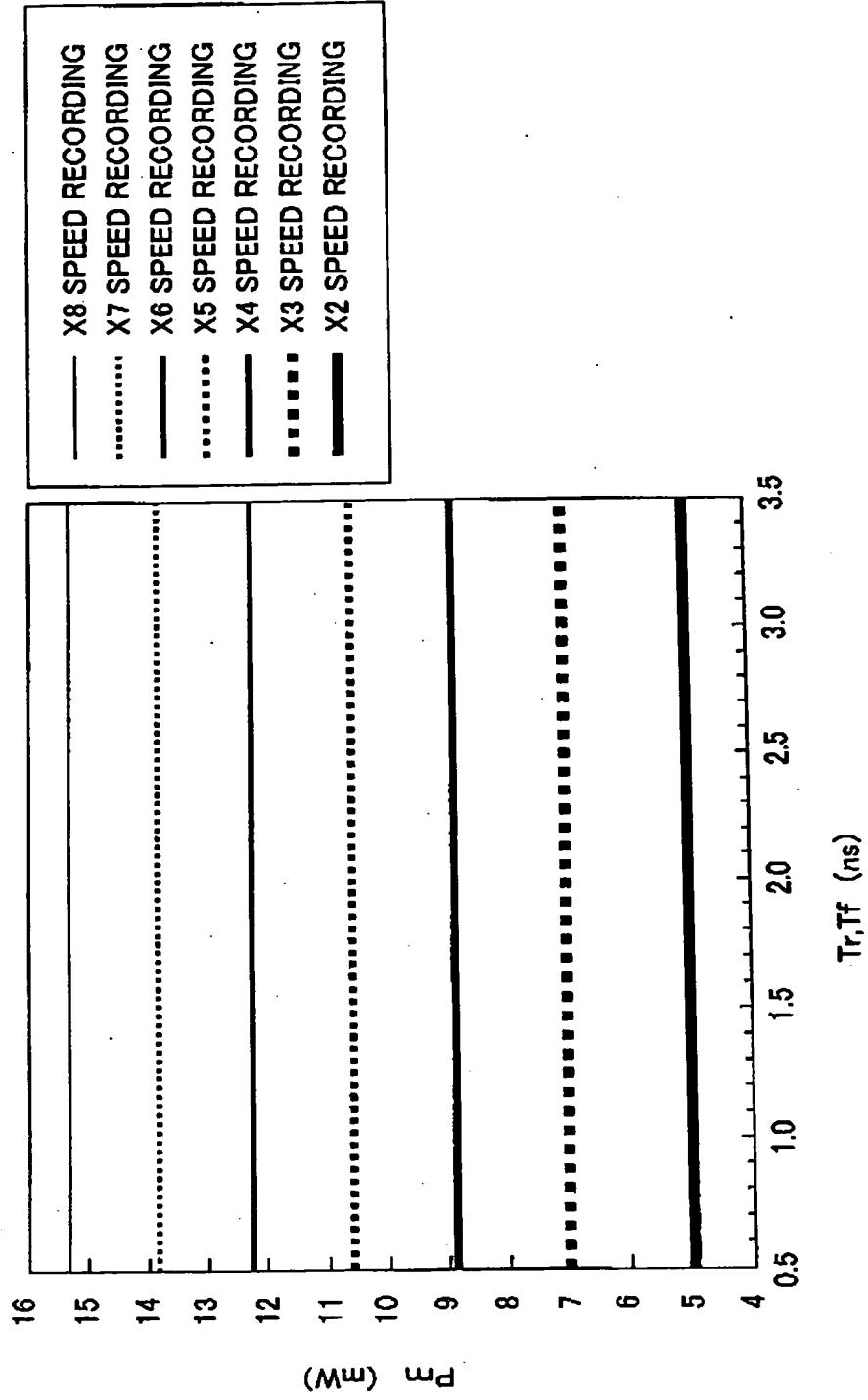


Fig. 14

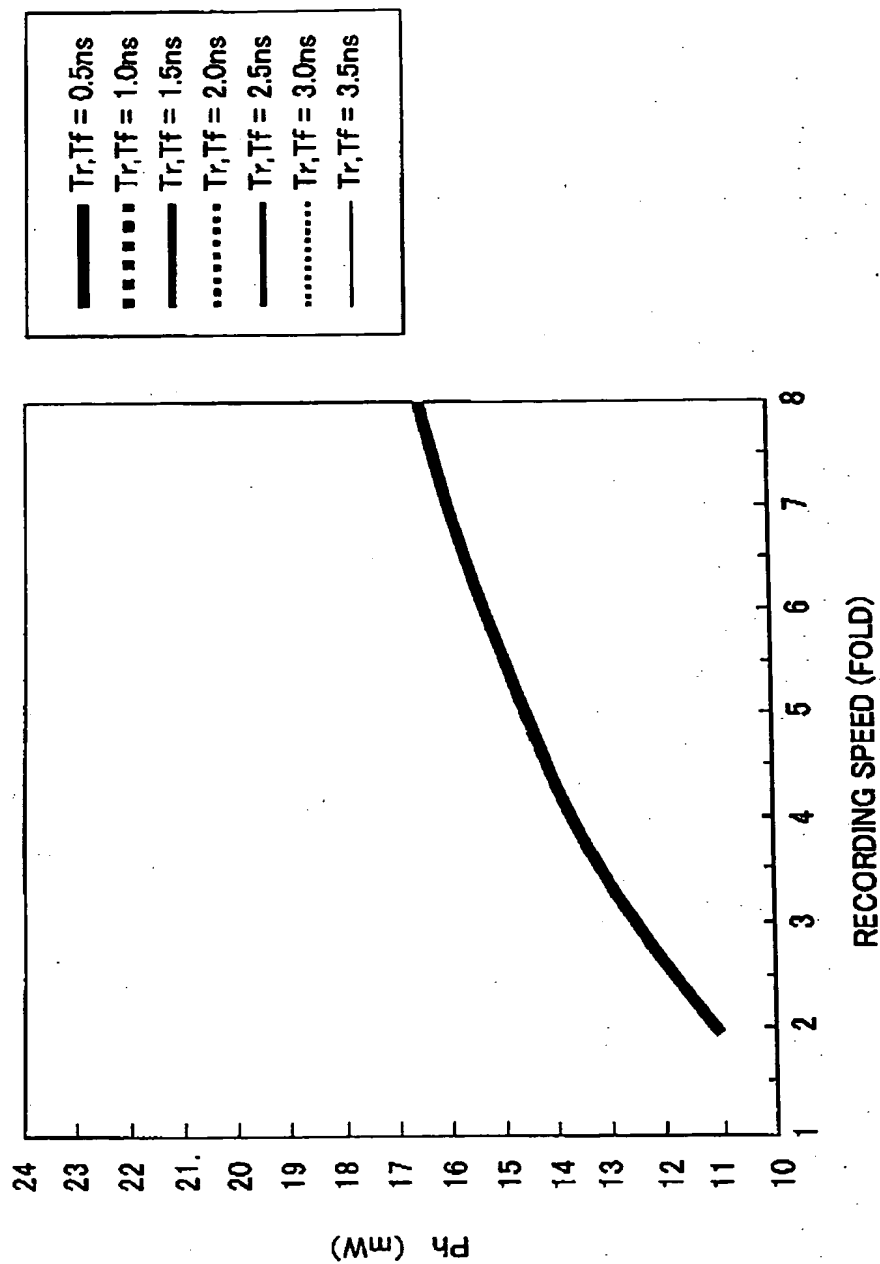


Fig. 15

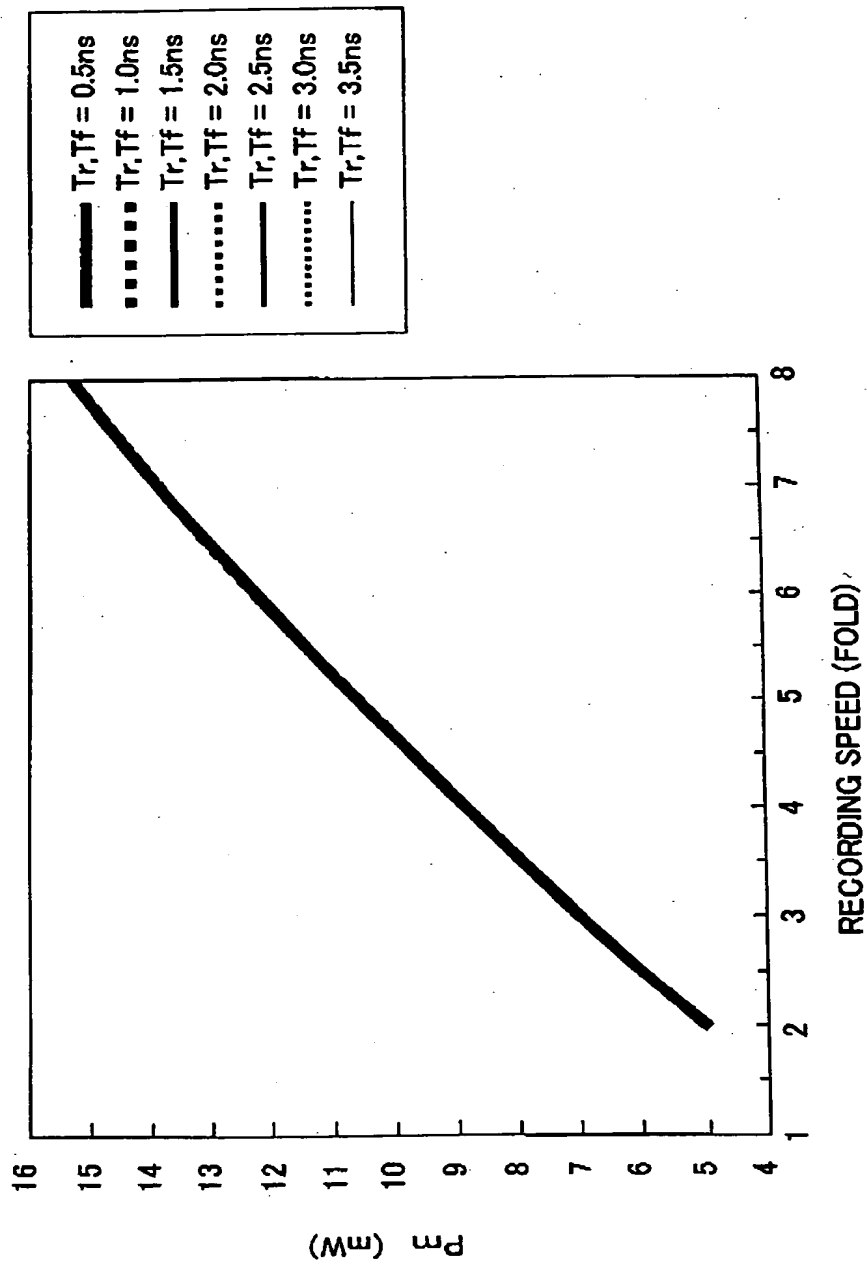
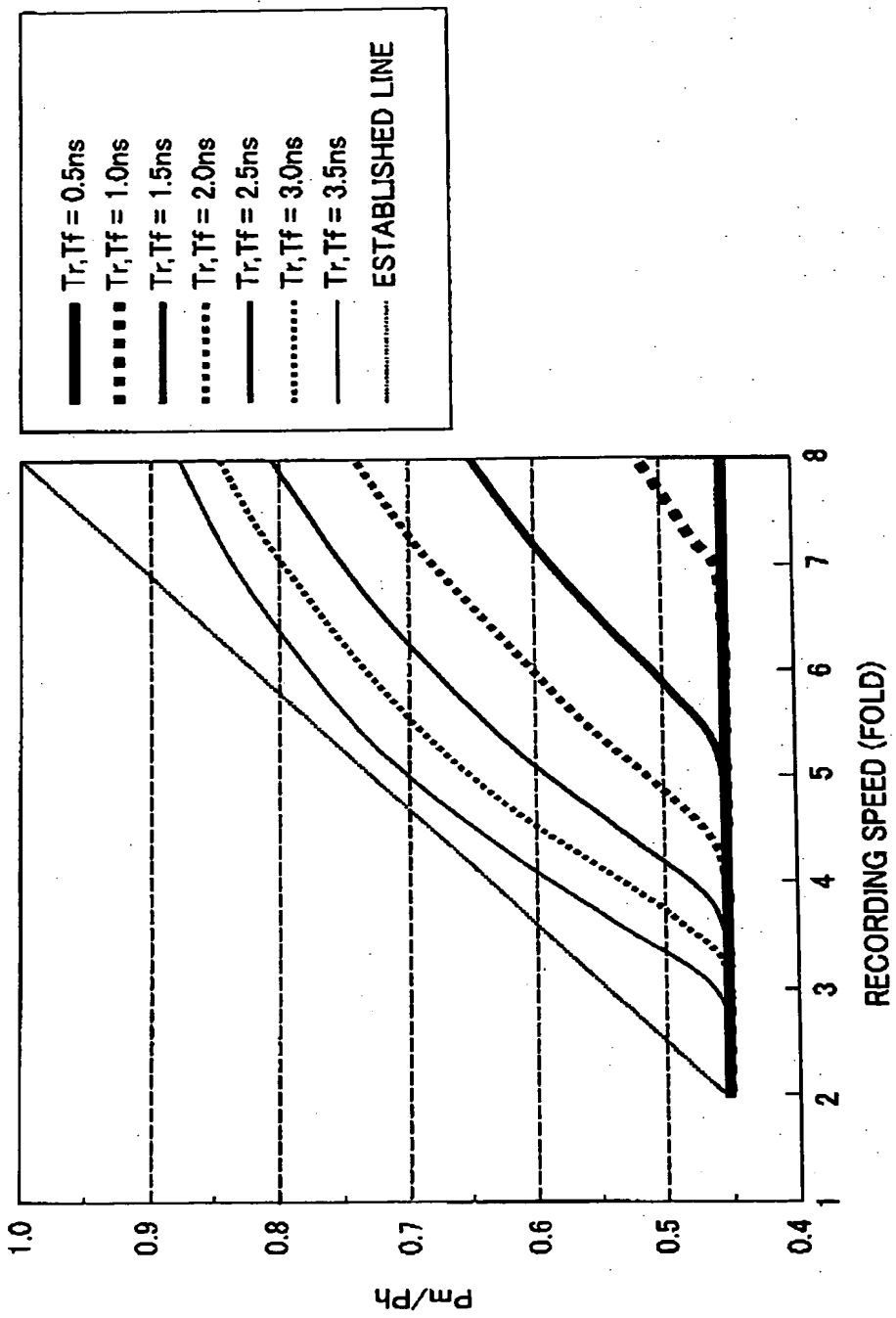


Fig. 16



The graph plots the ratio $(P_m/P_h)/(P_m \times 2/P_h \times 2)$ on the y-axis (ranging from 1.0 to 2.2) against Recording Speed (Fold) on the x-axis (ranging from 1 to 8). The curves represent different combinations of T_r and T_f values:

- $T_r, T_f = 0.5\text{ns}$ (thick solid line)
- $T_r, T_f = 1.0\text{ns}$ (dotted line)
- $T_r, T_f = 1.5\text{ns}$ (solid line)
- $T_r, T_f = 2.0\text{ns}$ (dotted line)
- $T_r, T_f = 2.5\text{ns}$ (solid line)
- $T_r, T_f = 3.0\text{ns}$ (dotted line)
- $T_r, T_f = 3.5\text{ns}$ (solid line)
- ESTABLISHED LINE (dashed line)

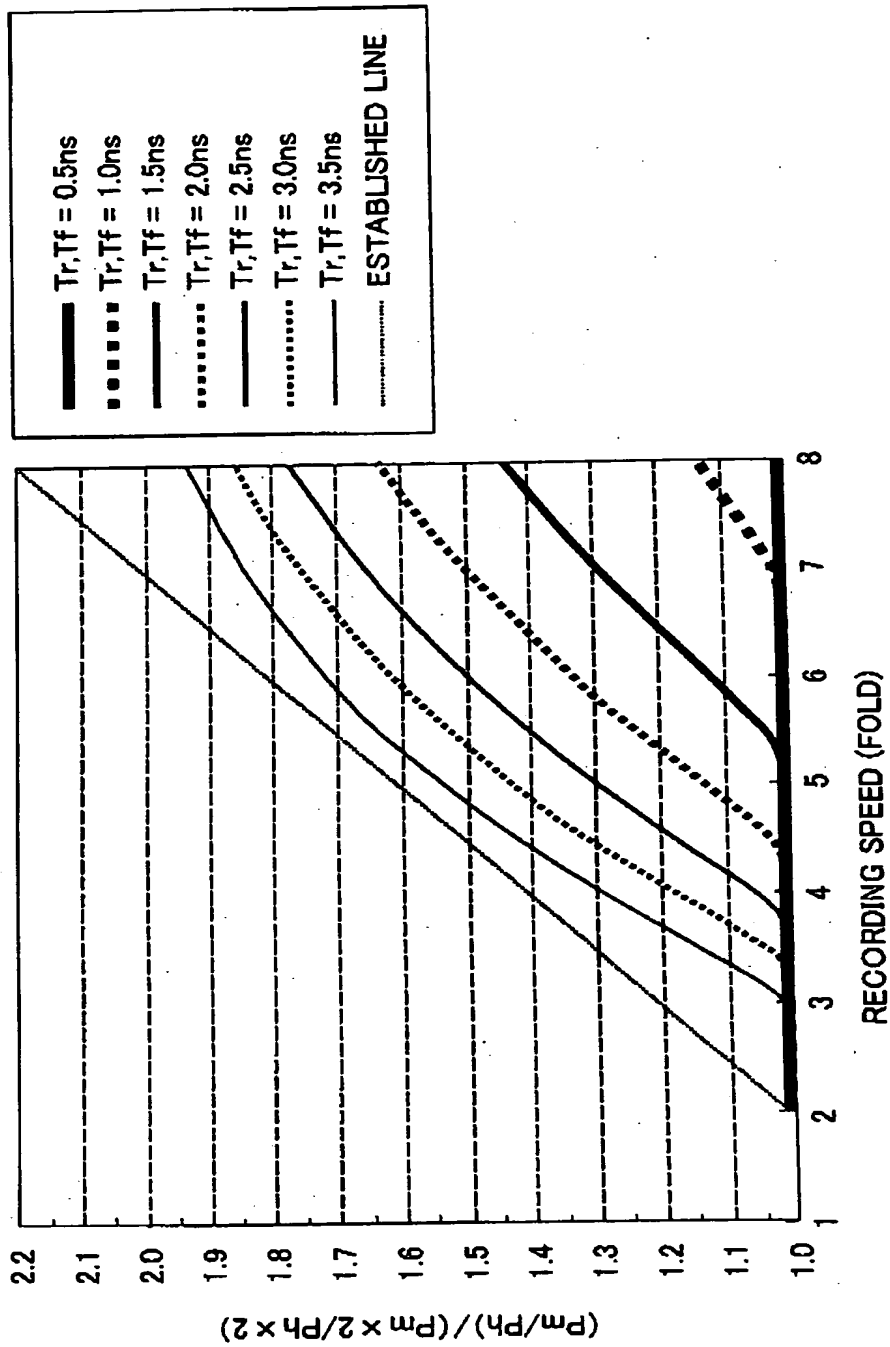


Fig. 18

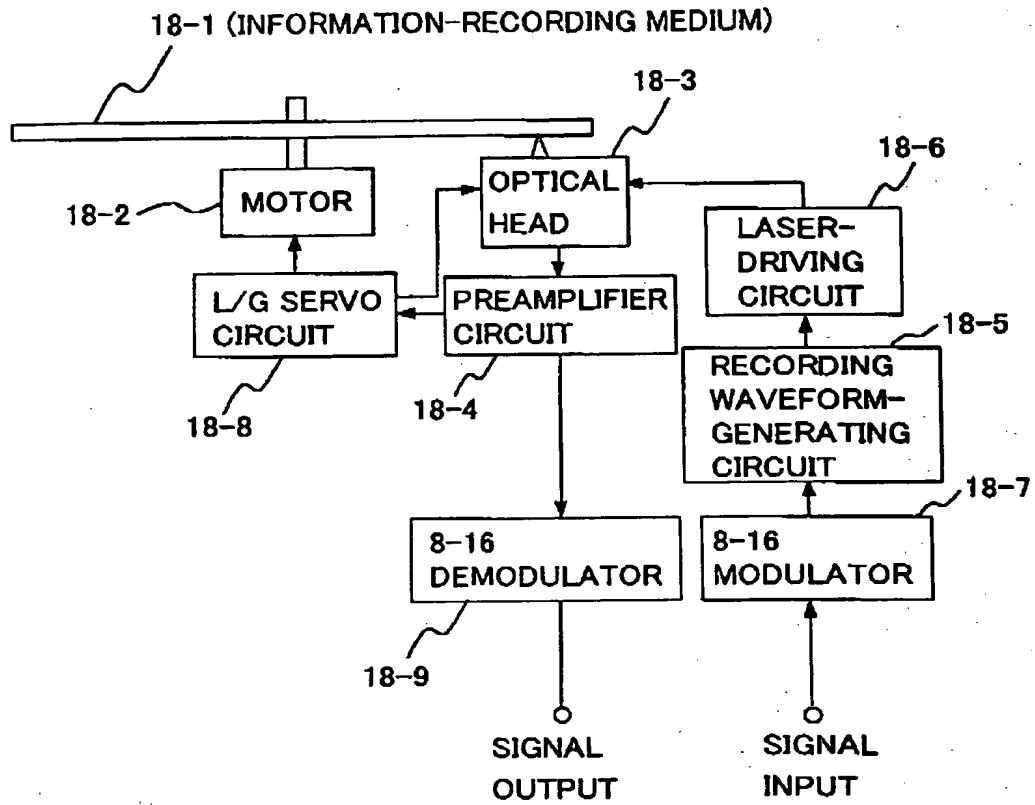


Fig. 19

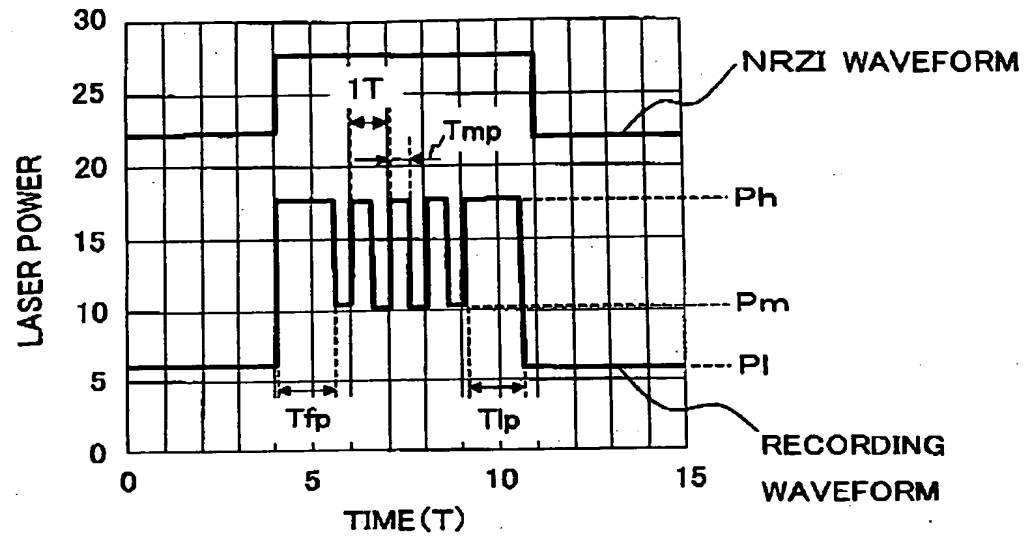
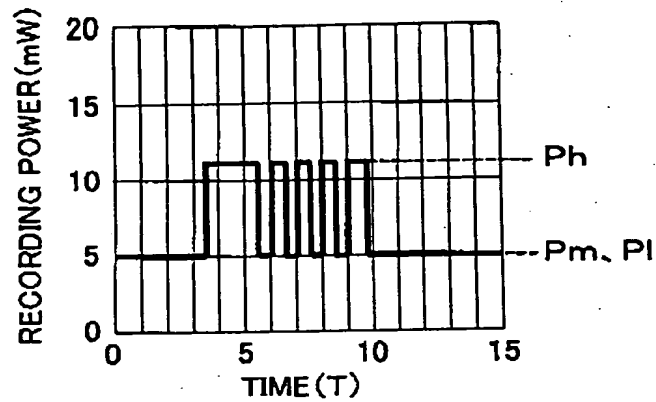
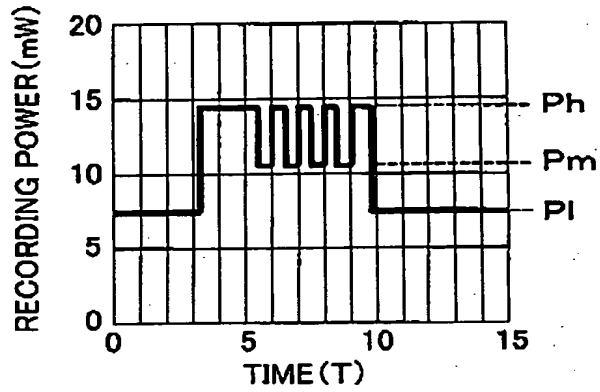


Fig. 20A



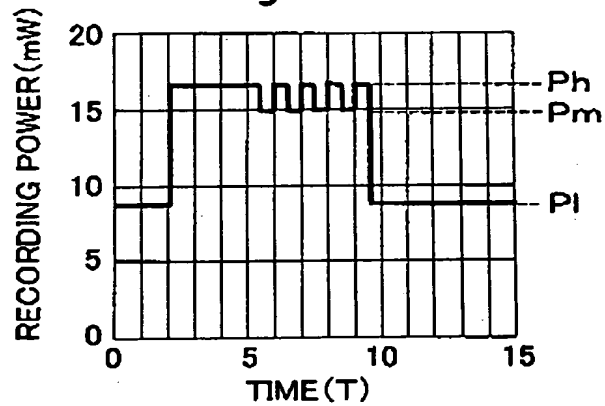
(1) RECORDING WAVEFORM UPON LOW SPEED RECORDING

Fig. 20B



(2) RECORDING WAVEFORM UPON HIGH SPEED RECORDING

Fig. 20C



(3) RECORDING WAVEFORM UPON HIGHER SPEED RECORDING